Splendid Potentialities of Smoky Valley

As the ground water is hidden be-neath the surface there is necessarily much uncertainty as to its occurrence, and therefore corresponding caution be observed in regard to should be observed in regard to ground-water projects. Much can be determined as to the ground waters of desert valleys, however, even where no wells have been sank, prothe proper observations made and the proper criteria applied. It is generally possible to ascertain definitely where the ground water is near the surface, to outline the shall low-water areas, and to make an inion water to the depth of water in other parts of the valley. If sufficient observations are made it is generally possible to form a rough ostimate of the quantity of water that i annually available and to predict to some extent the capacity of wells, the quality of the water, and the cont of its recovery. To begin to develop the ground water supply of a valley without first investigating its groundwater conditions is as unwise as it would be to start to build a railroad likely to be no less disastrons.

the inflavorable climate, soil, or may of the ground-water supply can be released towest tem the tenditions. The problem of cost covered by means of flowing wells, but is year ago, 47

NEW TODAY

and 100,000 acres, respectively. In profitably grown in the vicinity of which the water table is within ten Millers to supply Tonopah, Goldfield, feet of the surface and in which water and other local markets. The prinfrom the underground reservoir is discipal favorable conditions that are newhen he confronts the unfamiliar and inherently difficult problems of irrigation with ground water.

As the ground water is the water table is within ten from the underground reservoir is discharged into the atmosphere by evap-oration from soil and plants. It is estimated that in the larger of these areas the discharge of ground water averages between 50,000 and 100,000 acre-feet a year. The maps also show that the valley contains about 110,000 beds at moderate depths that will acres in which the depth to the water yield freely. table is between 10 and 50 feet. With good soil in which the depth to water is less than 50 feet.

Pronounced differences were discovred in the water-bearing capacities, water levels, artesian prospects, quality of water, and feasibility of irrigapreliminary report. There is also a nor of anyone without means to sink discussion of the methods of drilling wells and make other necessary imbest adapted to the various conditions.
Conclusions as to Irrigation

The conclusions as to irrigation with ground waters are in part as fol-

Several tens of thousands of acre without first having the route sub-without first having the route sub-without first having the route sub-ally available for irrigation in Big cal Survey, Washington, D. C veyed, and the financial results are Smoky valley. The water is in gen-eral of satisfactory quality for irriga-Even where a satisfactory supply of tion, nearly all of the poor water being around water is assured irrigation in the southwestern part of the lower may be impracticable because of the high cost of recovering the water or prospect for irrigation. A small part a year ago, 69.

NEW TODAY

cessary in order to make pumping profitable for raising ordinary crops are soil that is not injuriously alkaline, sandy, or gravelly; small depths to the water table (not much more than ten fieet); and water-bearing here any moderate and water-bearing.

his dignity, hence the brevity of this notice and the stilled verbiage that is opened a custom assay office at the pushe, that are has notice and the stilled verbiage that is notice and the stilled verbiage that is notice and the stilled verbiage that is opened a custom assay office at the pushe, that are has notice and the stilled verbiage that is notice and the stilled verbiage that is notice and the stilled verbiage that is not injuriously alkaline, sandy, or gravelly; small depths to the water table (not much more than ten field).

Ground-water developments along in the shallow-water areas the soil is some of the lines indicated could well generally alkaline, but it is estimated be made by the ranchers now in the that there are about 65,000 acres of valley, who could afford to take some chances and who could use the well water to supplement their fluctuating surface-water supplies. A small num-ber of new settlers could probably make a livelihood by irrigating with ground water in Big Smoky valley but tion in different parts of the valley, all existing conditions do not warrant the of which are briefly described in the influx of a large number of settlers provements. Ill-advised immigration will inevitably lead to disappointment and suffering

The Big Smoky valley report, which is issued as Water-Supply Paper 375-D, can be obtained by applying to the Director of the United States Geologi-

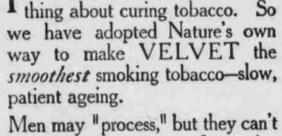
TEMPERATURE REPORT

Highest temperature yesterday, 58; Lowest temperature last night 40;

NEW TODAY



A mighty good doctor says to me once: "When it comes to curin' folks, Nature is the real M. D. I'm only her assistant." That's the way I feel about curin' tobacco for VELVET. Welvet goe



IT'S hard to show Nature any-

put into tobacco any finer pipe qualities than those Kentucky's limestone soil so richly gives to the Burley de Luxe.

But these qualities can be improved. They are brought out in their fullness in the aged-in-the-wood mellowness of cool, slow-burning VELVET.

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Liggett & Myers Tobacco Cos 10c Tins

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ASSOCIATE JUSTICE HAS COAT UNDER ARM WEDS HENRY KOOCHER

That the great deposits of rock waste underlying the deserts of Nevada constitute huge underground research of the surface and investigation and collisions. (1) Means must be deserved in the surface and the supplies of irrigation water is least of the appellment of the collisions. (2) Means must be designed on the surface water at the start possible expense, and (2) consistency on the surface water is longical survey, on the sum of the collisions of the surface water will be made to utilize by irrigation every existing water supply.

The demand for farm homes is no great, the report states, that streamony control will be made to utilize by irrigation every existing water supply and the news of a single flowing well as the expension of the productions and difficulties, and the news of a single flowing well and the news of a single flowing water supplies. The relation of the production was for the well-news flowing water than the su or printed language that reflects upon his dignity, hence the brevity of this

> Take a tip from the squirrel and prepare for winter.—Wood-Sullivan Hardware Co.—Adv.S916.

NEVADA 1915 ANNUAL AT FALLON 1915

STATE FAIR

SEPT. 20TH TO 25TH, INCLUSIVE

In Premiums on all \$5000 Classes of Exhibits \$2500 and Harness Racing \$2500

THE GREAT ALFALFA PALACE One of the novel features will be the Alfalfa Palace, 50 feet square, to house part of the Exhibits, in addition to the Large Pavilion.

> THE ALFALFA KING AND DAIRY QUEEN

Will Open the Fair and Preside Over All of the Various Functions ALL INDUSTRIES OF OUR STATE will be fully represented and it is worth your while to come and ascer-taln what the "Other Fellow" is doing

SPLENDID RACING EVENTS have been arranged by the committee in charge of this feature of the fair and the track has been lengthened and improved so that a full week's racing events will be pulled off on the Fallon track.

THE LIVE STOCK EXHIBIT Ample sheds, corrals and pens will be provided for the accommodation of all Livestock Exhibits.

W. H. MOFFAT, President C. L. NOBLE, Acting Secretary Address all communications to C. L. NOBLE, Acting Secretary

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Rough Dry

Tonopah Laundry Co.

ASSESSMENT NOTICE NO. 4 CASH BOY CONSOLIDATED MINING

CASH BOY CONSOLIDATED MINING COMPANY
Location of principal place of business. Carson City, Nevada. Location of mine and works. Tonopah. Nye County, Nevada.

Notice is hereby given that at a meeting of the Board of Directors, held on the 26th day of August, 1915, an assessment of one cent per share was levied upon the capital stock of the corporation, payable immediately, in United States gold coin, to the Secretary, at the branch office of the company, Tonopah, Nevada.

Any stock upon which this assessment shall remain unpaid on the 19th day of September, 1915, will be delinquent and advertised for sale at public auction, and unless payment is made before, will be sold on Saturday, October 30th, 1915, to pay the delinquent assessment, together with the cost of advertising and expenses of sale.

By order of Board of Directors.

E. H. MEAD, Secretary,
Tonopah, Nevada.

STOCKHOLDERS' MEETING

Notice is hereby given that in pursuance to call, in accordance with the by laws of the company, the under-signed, secretary pro tem, hereby gives notice that the annual meeting of the stockholders of the Nevada Telephone-Telegraph Company will be Telephone-Telegraph Company with the held at the office of the company in Tonopah, Nevada, on the 20th day of September, 1915, at the hour of 3:30 o'clock p. m., for the purpose of electing a board of directors of said company to hold office until the next analysis. nual meeting and until their succes-sors are elected and qualified and for the transacting of such other business as may properly come before said

meeting. F. G. WATERHOUSE, Vice President. J. CLARENCE KIND, Sec'y pro tem.

Tonopah, Nev., Sept. 4, 1915. AdvS4t10

ANNUAL MEETING

Notice is hereby given that the annual meeting of the stockholders of the Bullfrog Goldfield Railroad company will be held at the office of the company in Goldfield, Nevada, on Wednesday, October 6th, 1915, at 10 o'clock a.m., for the purpose of electing directors and transacting such other huminess as may requirely come.

other business as may regularly come before the meeting. Dated September 4, 1915. W. H. COMSTOCK, Secretary Bullfrog Goldfield Railroad Co.

MISS HANNA BAHOR

patrons and the public, that he has

DAILY STAGE GOLDFIELD

Leave Mizpah Hotel 3:30 P. M BROWN-PARKER AUTO CO. CON DESERT

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JOHN MANION, H. M. CLIF-FORD, Props.

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Goldfield to San Francisco and return \$34.00

Sale Dates: Aug. 27th, 28th. Sept. 2nd, 3rd, 4th, 10th, 11th, 17th, 18th, 20th, 24th, 25th, 27th. Limit, 15 days.

Goldfield to Los Angeles and ret \$27.60 Sale Dates: Sept. 3rd, 4th, 10th, 11th, 17th, 18th, 24th, 25th. Limit, 15 days.

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Los Angeles to Goldfield and Tonopah Secure Tickets and Route Freight via Santa Fe in care of Tonopah &

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